Process for preparing acylurea derivatives, salts of these acylurea derivatives and their use as pesticides

A process for preparing acylurea derivatives of the formula (I),

$$\begin{array}{c|cccc}
R^{1} & O & O & \\
N & C & NR^{3}R^{4} & \\
N & R^{2} & (I) & \\
(O)_{m} & & & \\
\end{array}$$

where the symbols and indices have the meanings indicated in the description, in which a compound of the formula (II),

$$\begin{array}{c|c}
R^1 & O \\
 & \parallel \\
 & C \\
 & N \\
 & (II)
\end{array}$$

in which the symbols and indices have the meanings indicated in the description, is reacted in the presence of a base with a compound of the formula (III),

$$X-CO-NR^3R^4$$
 (III)

in which

is (C₁-C₈)-alkyl, (C₃-C₆)-alkenyl, (C₃-C₆)-alkynyl, (C₃-C₈)-cycloalkyl (C₃-C₆)-cycloalkyl-(C₁-C₄)-alkyl, aryl or heterocyclyl, where said groups are unsubstituted or substituted by one or more radicals from the group of halogen, CN and NO₂; and

R³, R⁴ have the meanings indicated for formula (I).

The compounds of the formula (I) are in some cases novel and are suitable for controlling pests.